

VIRTUAL FIELD TRIP

TREE IDENTIFICATION LESSON SUPPORT

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This *Tree Identification lesson* is intended as an example of either a virtual forest field trip or one of several lessons associated with the field trip. It is part of a power point involving photos to identify trees and their parts.

The following support materials and guidance notes are required to deliver the *Tree Identification lesson* virtual field trip. These are intended as an example for other lessons or to be built upon based on the presenter's knowledge and experience.

Materials

- 1) Support materials
 - a) Trees of BC Posters. These posters are available as pdf's for posting on the classroom wall.



- b) Power point presentation regarding the trees to be discussed during the lesson.
- 2) Modify, if necessary, the power point presentation for coastal trees to fit the conditions associated with the intended school geographic location, potential adjacent forest area, etc.



Guidance Notes

- 1) Additional points to support the power point presentation
 - a) Develop a list of points that will describe the difference between deciduous and coniferous trees (e.g., tree form, nature of the tree's leader, etc.).
 - b) Develop a general description and ecology of the conifer and deciduous trees focused on in the presentation.
- 2) Tree identification lesson
 - a) Develop brief descriptions of the 4 conifer trees being used in the presentation.
 - b) Suggest to the teacher the creation of student teams to identify the trees and match the tree parts with each tree.
 - c) Identify the time allowed for the teams to come up with answers to the questions.
 - d) Hold a discussion session to have the teams report on their answers.
 - e) Utilize the provided answer sheets for the matching of cones, bark, and needles to each of the trees, including a section to describe why the matches.
 - f) Develop talking points to support the various photos and tree part matches and either support or correct the answers from the students.
- 3) Alder lesson
 - a) Develop key points regarding:
 - i) Ecology of alder,
 - ii) Alder nitrogen fixation,
 - iii) Identification features of alder bark and leaves to build on the conifer lesson discussion.
 - b) Provide an opportunity for questions regarding the material provided.
- 4) Maple lesson
 - a) Develop key points regarding:
 - i) Ecology of the maple tree,
 - ii) The various products made from Big Leaf Maple.
 - iii) Identification features of Big Tree Maple bark and leaves to build on the conifer lesson discussion
 - b) Provide an opportunity for questions regarding the material provided.